

UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Lifson

Serial No.:

10/693,593

Filed:

10/24/2003

Title:

Combined Expansion Device and Four-Way Reversing

Valve in Economized Heat Pumps

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Multiple references are listed on an attached PTO-1449 Form.

Applicant believes that no additional fees are necessary, however, the Commissioner is authorized to charge Deposit Account No. 50-1482 in the name of Carlson, Gaskey & Olds for any additional fees or credit the account for any overpayment.

Respectfully submitted,

Theodore W. Olds, Reg. No. 33,080

Carlson, Gaskey & Olds 400 W. Maple Road, Ste. 350 Birmingham, MI 48009

(248) 988-8360

Dated: February 16, 2004

Certificate of Mail

I hereby certify that the enclosed Response is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 16th day of February, 2004.

Lindsey Fortney

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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Attorney Docket Number 60,246-240; 10,748

Complete if Known Substitute for form 1449A/PTO 10/693,593 **Application Number** INFORMATION DISCLOSURE 10/24/2003 Filing Date STATEMENT BY APPLICANT Lifson **First Named Inventor** (use as many sheets as necessary) **Examiner Name**

of 2

Sheet 1

U.S. PATENT DOCUMENTS						
Examiner Initials		Document Number Number - Kind Code ² (if known	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		us- 4,876,859	10-31-1989	Kitamoto		
		us- 5,875,637	03-02-1999	Paetow		
		us- 6,047,556	04-11-2000	Lifson		
		us- 6,206,652	03-27-2001	Caillat		
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	FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code 3 - Number 4 - Kind Code 5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т6		
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Examiner	Date	
Signature	Considered_	

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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional).

See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

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PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

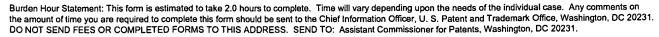
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Subst	itute for form 144	OB/DTO		Complete if Known		
				Application Number	10/693,593	
INF	ORMAT	ION D	ISCLOSURE	Filing Date	10/24/2003	
STATEMENT BY APPLICANT				First Named Inventor		
• 11			/	Group Art Unit		
	(use as n	nany sheet	s as necessary)	Examiner Name		
Sheet	2	of	2	Attorney Docket Number	60,246-240; 10,748	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.1		T²		
		Systems & Advanced Technologies Engineering S.r.I., publication entitled "Compsys - Dynamic Simulation of Gas Compression Plants", dated 6/12/2002			
		Copeland Europe publication entitled "Refrigeration Scroll for Parallel Applications" dated 2/26/2002.			
Examine	r	Date			

Examiner	Date
Signature	Considered

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.



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